

Division 4315, Storm Drain Projects
Fund 525, Storm Drainage Enterprise

Division:
Department:
Project:

Storm Drain Projects
Public Works
6001 -- Storm Drainage Rehabilitation Program

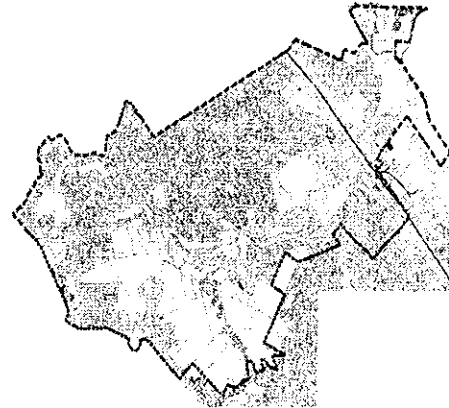
Project Narrative:

Storm Drain Rehabilitation - Annual Program

This project is intended to fund improvements to the City's storm drainage infrastructure that are not identified during the fiscal year. During the winter season, it often becomes apparent that drainage systems previously in adequate condition have failed and require repair and/or replacement. In addition, this project may fund previously unidentified but necessary storm drain improvement identified in conjunction with other improvement projects such as for streets or sanitary sewer.

Drainage improvement projects typically include:

1. Repair or replacement of corroded corrugated metal pipes (CMPs).
2. Realignment or replacement of reinforced concrete pipes (RCPs).
3. Repair of existing catchbasins.
4. Repair of existing gutter or to control surface runoff.
5. Repair of existing subdrains to remove surface and shallow flows.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	
6120	6120	Fund Balance	\$ 217,314	\$ 40,000	\$ 75,500	\$ 75,500	\$ 75,500	\$ 75,500	\$ 75,500	\$ 634,814
Funding Sources			\$ 217,314	\$ 40,000	\$ 75,500	\$ 75,500	\$ 75,500	\$ 75,500	\$ 75,500	\$ 634,814

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	
9030	9030	Improvements Other Than Building	\$ 217,314	\$ 40,000	\$ 75,500	\$ 75,500	\$ 75,500	\$ 75,500	\$ 75,500	\$ 634,814
TOTAL EXPENDITURES			\$ 217,314	\$ 40,000	\$ 75,500	\$ 75,500	\$ 75,500	\$ 75,500	\$ 75,500	\$ 634,814

Division 4315, Storm Drain Projects
Fund 525, Storm Drainage Enterprise

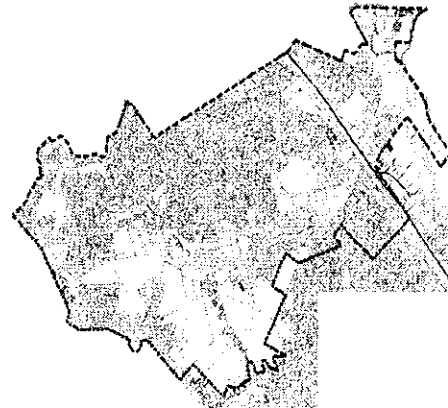
Division:
Department:
Project:

Storm Drain Projects
Public Works
6045 -- Storm Drain CIP Project

Project Narrative:

Storm Drain Capital Improvements

This project funds City staff design and construction management in the Storm Drain CIP under 525-3104. Funds are transferred from this account to 501-3101 to reimburse for allocated staff engineering labor.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	
5120	5120	Fund Balance	\$ -	\$ 234,905	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ -	\$ 1,434,905
Funding Sources			\$ -	\$ 234,905	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ -	\$ 1,434,905

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	
9030	8368	City Project Management	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ -	\$ 1,200,000
9030	9030	Improvements Other Than Building	\$ -	\$ 234,905	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 234,905
TOTAL EXPENDITURES			\$ -	\$ 234,905	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ -	\$ 1,434,905

Division 4315, Storm Drain Projects
Fund 525, Storm Drainage Enterprise

Division:
Department:
Project:

Storm Drain Projects
Public Works
6051 -- Corrugated Metal Pipe Replacement

Project Narrative:

Corrugated Metal Pipe Replacement

The storm drain master plan prepared by BKF has identified projects for replacing corrugated metal pipes throughout the City. This includes replacement of aging CMP lines that otherwise have adequate flow capacity. Slip-lining a thin walled high density polyethylene (HDPE) line into the pipe and grouting the annular space between the HDPE and the aging CMP is recommended for lines 15-inch and larger. Existing 12-inch diameter CMP lines or rusted CMP beyond repair should be replaced. The lining or replacement of the CMP will fix I & I problems for the sewer lines. The master plan has identified \$3M for CMP replacement projects. The location for replacement will be prioritized depending on the existing condition and the risk of failure.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	
5120	5120	Fund Balance	\$ -	\$ -	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 3,750,000
Funding Sources			\$ -	\$ -	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 3,750,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	
9030	8368	City Project Management	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
9030	9030	Improvements Other Than Building	\$ -	\$ -	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,000,000
TOTAL EXPENDITURES			\$ -	\$ -	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 3,750,000